Samsung

GALAXY GRAND Prime™

SMARTPHONE

User Manual

Please read this manual before operating your device
and keep it for future reference.

SAMSUNG

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For 24 hour information and assistance, we offer a new FAQ/ARS System (Automated Response System) at: www.samsung.com/us/support

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The online version of the Health/Safety and Warranty guide for your device can be found at:

English
samsung.com/us/Legal/Phone-HSGuide

Spanish
samsung.com/us/Legal/Phone-HSGuide-SP

Location of Legal Information on the device:

Health and Safety Information
Settings > About device > Legal information > Samsung legal > Health and Safety

Warranty
Settings > About device > Legal information > Samsung legal > Warranty

EULA
Settings > About device > Legal information > Samsung legal > End User License Agreement

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Getting Started

Learn about your mobile device hardware, assembly procedures, and how to get started using your new device.

Front View

- **Back**: Tap to return to the previous screen, or to close a dialog box, menu, or keyboard.
- **Earpiece**: Listen to a call.
- **Front camera**: Take self-portraits and record videos of yourself.
- **Headset jack**: Connect an optional headset (not included).
- **Home key**: Tap to return to the Home screen.
- **Proximity sensors**: Detects the presence of objects near the device.
- **Recent**: Tap to display recent apps or touch and hold for home screen options.
- **Power key**: Press to lock or wake up the screen. Press and hold to turn the device off or restart it, or for quick access to Airplane Mode, and Emergency Mode.
- **Volume key**: Press to adjust the volume of your device's sounds and audio.

Back View

- **Flash**: Illuminate subjects in low-light environments when taking a photo or recording video.
- **Microphone**: Records audio and detects voice commands.
- **Rear camera**: Take pictures and record videos.
- **Speaker**: Plays music and other sounds.
- **USB charger/Accessory port**: Connect the Charger/USB cable (included), and other optional accessories (not included).

Assemble Your Device

This section helps you to assemble your device.

Remove the Back Cover

1. Remove the back cover using the slot near the top of your phone.
2. Lift the cover up and to the right of the phone.

Warning: Do not bend or twist the back cover excessively. Doing so may damage the cover.

Install the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card. During activation, your SIM card is loaded with your subscription details, such as your PIN, available optional services, and other features.

Warning: Please be careful when handling the SIM card to avoid damaging it. Keep all SIM cards out of reach of small children.

Note: The SIM card slot is located below the micro SD card slot.

► Carefully slide the SIM card into the SIM card slot.

Make sure that the card's gold contacts face into the device and that the angled corner of the card is positioned as shown.

Caution: If the card is not inserted correctly, the device will not detect the SIM card. Re-orient the card and place it back into the slot if the SIM is not detected.

Install a Memory Card

You can install an optional microSD or microSDHC memory card (not included) to expand available memory space.

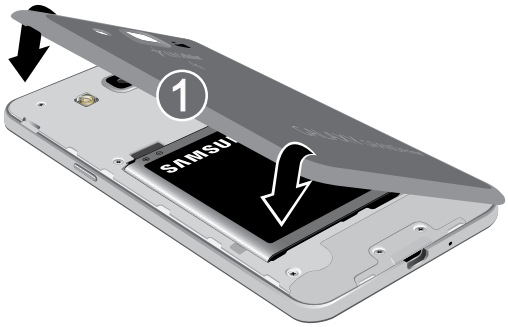
Note: A memory card can be installed at any time; it is not necessary to install it prior to using the device.

For more information on installing a memory card, see Install a Memory Card.

Install the Battery

1. Insert the battery into the opening on the back of the phone, aligning the contacts.
2. Gently press down to secure the battery.

Replace the Back Cover



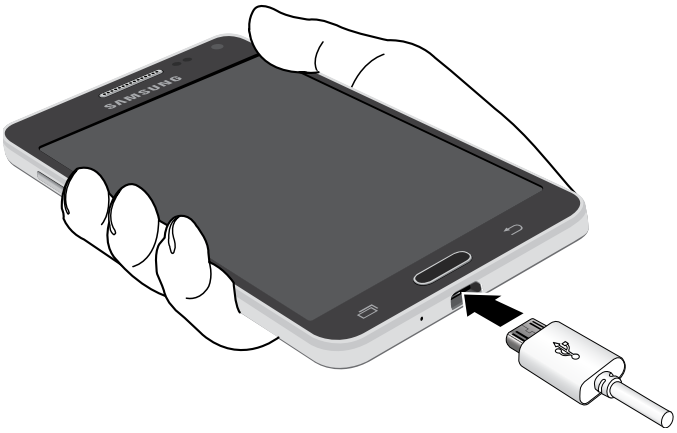
1. Place the back cover onto the back of the phone and press down.
2. Press along all edges of the back cover until you have a secure seal.

Charge the Battery

Your device is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (charging head and USB cable) is included with the device for charging the battery from any standard outlet.

The battery comes partially charged. A fully discharged battery requires up to four hours of charge time. You can use the device while charging.

Caution: Use only Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.



1. Insert the USB cable into the port.
2. Connect the USB cable to the charging head, and then plug the charging head into a standard outlet.
3. When charging is complete, unplug the charging head from the outlet and remove the USB cable from the device.

Caution: Failure to unplug the wall charger before you remove the battery, can cause damage to the device.

When to Charge the Battery

When the battery is weak and only a few minutes of operation remain, the device sounds a warning tone.

In this condition, your device conserves its remaining battery power by dimming the screen.

When the battery level becomes too low, the device automatically turns off.

► For a quick check of your battery level, view the battery charge indicator located in the Status bar of your device's display. A solid color ( ) indicates a full charge.

You can also choose to display a percentage value. Viewing a percentage value can provide a better idea of the remaining charge on the battery. For more information, see Battery.

Set Up Your Device

Turn Your Device On or Off

Turn the Device On

► Press and hold the **Power** key until the device vibrates and starts up.

Turn the Device Off

1. Press and hold the **Power** key until the device vibrates and the Device options menu displays.
2. Tap **Power off**.

Welcome Screen

The first time you turn your device on, the Welcome Screen displays. It will guide you through the basics of setting up your device.

Follow the prompts to choose a default language, connect to a Wi-Fi network, set up accounts, choose location services, learn about your device's features, and more.

Secure Your Device

Use your device's screen lock features to secure your device.

Lock the Device

By default, the device locks automatically when the screen times out.

► To lock the device, press the **Power** key.

Unlock the Device

The default Screen lock on your device is Swipe.

► To unlock your device, press the **Power** key or **Home** key, and then touch and drag your finger across the screen.

Set Up a Secure Screen Lock

The default Screen lock is Swipe, which offers no security. To choose a more secure screen lock, see Set a Screen Lock.

Set Up Accounts on Your Device

Google Account

Your new device uses your Google Account to fully utilize its Android features, including Gmail, Google Hangouts, and the Google Play store.

When you turn on your device for the first time, set up your existing Google Account, or create a new Google Account.

– or –

To create a new Google Account or set up your Google Account on your device at any time, use Accounts settings. For more information, see Accounts.

► From a Home screen, tap **Apps** > **Settings** > **Accounts** > **Add account** > **Google**.

Samsung Account

Create a Samsung account, for access to Samsung content and apps on your device.

When you turn on your device for the first time, set up your existing Samsung account, or create a new Samsung account.

– or –

To create a new Samsung account or set up your Samsung account on your device at any time, use Accounts settings. For more information, see Accounts.

► From a Home screen, tap **Apps** > **Settings** > **Accounts** > **Add account** > **Samsung account**.

Know Your Device

Learn some of the key features of your mobile device, including the screens and icons, as well as how to navigate the device and enter text using the keyboard.

Warning: Please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Home Screen

The Home screen is the starting point for using your device.

- **App folder**: For your convenience, there are several applications that are grouped into folders on the main Home screen.
- **Apps screen**: Allows quick access to all of your applications.
- **Home screen indicator**: Indicates which Home screen is presently displayed.
- **Notification icons**: Display new messages and emails, notifications, available software updates, and so on.
- **Primary app shortcuts**: Shortcuts to your favorite applications.
- **Status bar**: Displays device status icons (right) and notification icons (left).
- **Status icons**: Display information about the device, such as the network signal strength, battery level, the time, and so on.
- **Widget**: Self-contained application that runs on the Home screen (not shortcuts).

Customize your Home screen by adding application shortcuts, widgets, folders, and using wallpapers.

Manage Home Screens

Your device comes with multiple Home screens to hold apps and widgets. You can rearrange the Home screens in a different order.

1. From a Home screen, pinch the screen.

   – or –

   Touch and hold an empty space on the screen.

2. Use these options to manage screens:

   - **Add a screen**: Scroll to the end of the screens, and then tap **Add**.
   - **Remove a screen**: Touch and hold on a screen, and then drag it to **Remove**.
   - **Set a screen as the main Home screen**: Tap **Main Home screen** at the top of a screen. This screen displays when you press the Home Key.
   - **Change the order of screens**: Touch and hold on a screen, and then drag to a new position.

Change the Wallpaper

Change the look of the Home and Lock screens with wallpaper. You can display a favorite picture or choose from preloaded wallpapers.

1. From a Home screen, pinch the screen.

   – or –

   Touch and hold an empty space on the screen.

2. Tap **Wallpapers** to customize your screen.

   For more information, see Wallpaper Settings.

Widgets

Widgets are self-contained apps that run on a Home screen. There are all kinds of widgets, including links to a specific contact, Internet bookmarks, Gmail and email accounts, and many others.

Add a Widget to a Home Screen

1. From a Home screen, pinch the screen.

   – or –

   Touch and hold an empty space on the screen.

2. Tap **Widgets**.
3. Touch and hold a widget, drag it to a Home screen, and then release it.

Remove a Widget

1. From a Home screen, touch and hold a widget.
2. Drag the widget to **Remove** and release it.

Note: Removing a widget does not delete the widget, it just removes the widget from the Home screen.

App Shortcuts

You can use app shortcuts to launch an app from any Home screen.

Add a Shortcut to a Home Screen

1. From a Home screen, tap **Apps**.
2. Touch and hold an app shortcut, drag it to a Home screen, and then release it.

Remove a Shortcut

1. Touch and hold an app shortcut.
2. Drag the app shortcut to **Remove** and release it.

Note: Removing a shortcut does not delete the app, it just removes the shortcut from the Home screen.

Folders

Place folders on a Home screen to organize items.

Create a Folder

You can create a folder on a Home screen.

1. Touch and hold an app icon and drag it on top of another app until a highlighted box appears.
2. Release the app icon to create the folder.
   - Tap **Enter folder name** to name the folder.
   - Tap **Palette** to change the color.
3. Tap anywhere outside of the folder to close it.
   - To add more apps, touch an hold an app icon and drag it to the folder.

Use Folders

- Tap a folder to open it and access the shortcuts inside.
- To add shortcuts to an existing folder, touch and hold the shortcut, and then drag it onto the folder and release.
- To delete a folder, touch and hold the folder until it detaches, and then drag it to **Remove** and release.

Status Bar

The Status bar at the top of the Home screen provides device information (such as network status, battery charge, and time) on the right side and notification alerts on the left.

Status Icons

	Battery is fully charged.
	Battery is low. The yellow area turns red as the charge level becomes critical.
	Battery is charging.
	Vibrate mode is enabled.
	Mute mode is enabled.
	The device is connected to a 4G LTE wireless network.
	Signal strength.
	Wi-Fi is active.
	No wireless network is available.
	NFC (Near-Field Communication) is enabled.

Notification Icons

	Missed call.
	Call in progress.
	Call is on hold.
	Call is using speakerphone.
	New email has arrived.
	New Gmail has arrived.
	New voicemail message has been received.
	New text or multimedia message has arrived.
	Download of a file or app is in progress.
	File is being uploaded or sent.
	Location service (GPS) is active.
	App updates are available from the Google Play store.
	App updates are complete.
	Keyboard is in use.

Touchscreen Navigation

Your phone's touchscreen lets you control actions through a variety of touch gestures.

Tap

Lightly tap items to select or launch them.

- Tap the keyboard to enter characters or text.
- Tap an item to select it.
- Tap an app icon to launch the application.

Touch and Hold

Activate items by a touch and hold gesture.

- Touch and hold a widget on the Home screen to move it.
- Touch and hold a field to display a pop-up menu of options.

Swipe or Slide

To swipe, lightly drag your finger vertically or horizontally across the screen.

- Swipe the screen to unlock the device.
- Swipe the screen to scroll through the Home screens or menu options.

Drag

To drag, touch and hold on an item, and then move it to a new location.

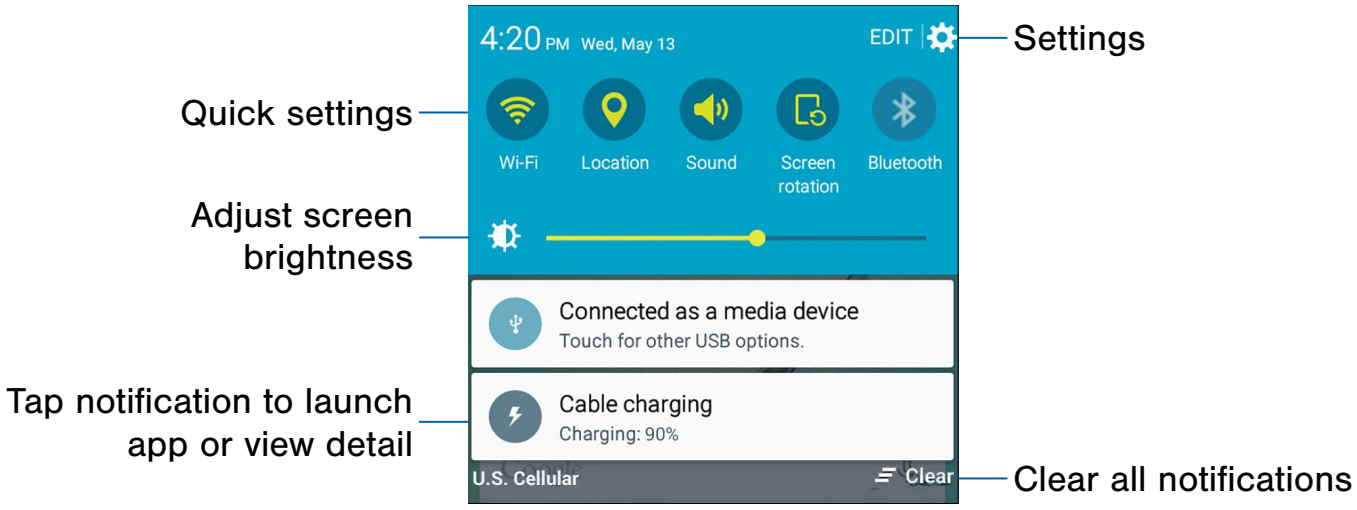
- Drag an app shortcut to add it to a Home screen.
- Drag a widget to place it in a new location on a Home screen.

Pinch and Spread

Pinch the screen using your thumb and forefinger or spread by moving your fingers apart.

- Pinch or spread the screen to zoom in or out while viewing a picture or a web page.
- Pinch or spread the screen to zoom in or out while taking a picture.

Notification Panel



Notification icons on the Status bar display calendar events, device status, and more. For details, open the Notification panel.

View the Notification Panel

1. Swipe down on the Status bar to display the Notification panel.
2. Scroll down the list to see notification details.
   - Tap an item to open it.
   - To clear a single notification, drag the notification left or right. Tap **Clear** to clear all notifications.
3. To close the Notification panel, swipe upward from the bottom of the screen or tap **Back**.

Quick Settings

In addition to notifications, the Notification panel also provides quick access to device functions such as Wi-Fi, allowing you to quickly turn them on or off.

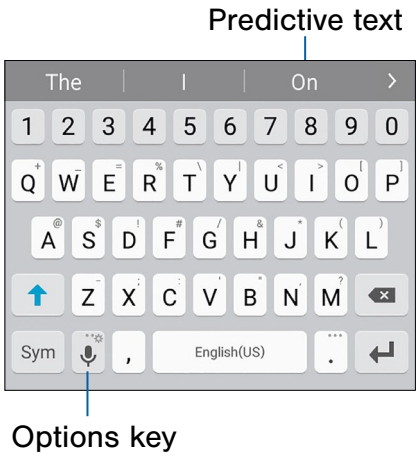
To view additional Quick settings:

► Swipe left or right across the visible icons.

Entering Text

Use the Samsung Keyboard

Type your text input using a QWERTY keyboard.



Special Keys	
Sym	Tap to insert numbers and symbols.
ABC	Tap to insert letters.

Touch and hold the **Options** key to:

	Use Google Voice Typing.
	Access the clipboard.
	Insert emojis.
	Access keyboard settings.

Predictive Text

Predictive text suggest words matching your text entries, and, optionally, completes common words automatically. Predictive text can learn your personal writing style from your contacts, messages, email, and social networking sites—improving its accuracy of predicting your text entries.

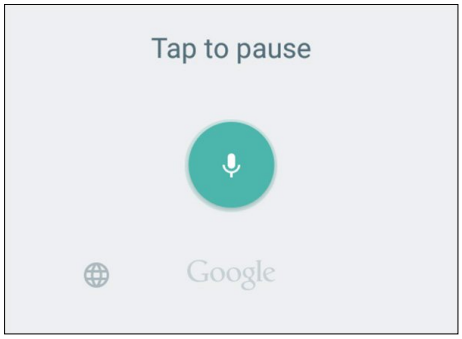
Configure the Samsung Keyboard

To customize the Samsung Keyboard:

1. From a Home screen, tap **Apps** > **Settings** > **Language and input**.
2. Tap **Samsung keyboard** for options.

Use Google Voice Typing

Instead of typing, speak your text input.



To enable Google Voice Typing:

1. From a Home screen, tap **Apps** > **Settings** > **Language and input**.
2. On the Samsung Keyboard, tap **Google Voice Typing**. You may need to touch and hold the **Options** key (left of the Space key) to find it.
3. Speak your text.

Configure Google Voice Typing

To customize Google Voice Typing:

1. From a Home screen, tap **Apps** > **Settings** > **Language and input**.
2. Tap **Google voice typing** for options.

Calling

Make telephone calls using a variety of calling features and services.

Make and Answer Calls

Learn how to make or answer a call. Explore features and functionality associated with making or answering a call.

Make a Call

1. From a Home screen, tap **Phone**.
2. Enter a number and tap **Dial**.

Quickly Dial a Number from Your Contact List

1. From a Home screen, tap **Apps** > **Contacts**.
2. While viewing your contact list, swipe your finger across a contact to the right call the contact.

Dial a Recent Number

All incoming, outgoing, and missed calls are recorded in the Call log. If the number or caller is listed in your contacts list, the associated name is also displayed.

1. From a Home screen, tap **Phone**.
2. Tap the **LOG** tab. A list of recent calls is displayed.
3. Tap a contact, and then tap **Call**.

End a Call

► When you are ready to end your call, tap **End**.

Answer a Call

When a call is received the phone rings and displays the caller's phone number, or name if stored in the contacts list.

Answer on the Main Screen

- Touch and drag **Answer** in any direction to answer the call.
- Touch and drag **Reject** in any direction to reject the call and send it to your voicemail.

Answer a Call While Using an App

If you are currently in an application when you receive a call, the notification displays in a pop-up window.

- Tap **Answer** to accept the call and exit the application.
- Tap **Reject** to ignore the call and return to the application.

Multitask While on a Call

If you exit the call screen and return to a Home screen, your active call is indicated by an icon on the Status bar, and a thumbnail on the screen.

This lets you continue with your current call and do something else, such as access the contacts list, view a recent email, locate a picture, and so on.

To end a call from any application:

► Swipe the Status bar downward to display the Notification panel, and then tap **End**.

Options During a Call

Your phone provides a number of functions that you can use during a call.

Adjust the Call Volume

► Press the **Volume** key to increase or decrease the volume.

– or –

Quickly add more volume to the incoming audio by tapping **MORE** > **Extra volume**.

Listen with the Speaker or Bluetooth Headset

Listen to the call using the speaker or through a Bluetooth headset (not included).

► Tap **Speaker** to hear the caller using the speaker.

– or –

Tap **Bluetooth** to use a Bluetooth headset (not included).

Place a New Call While on a Call

If your service plan supports this feature, you can make another call while a call is in progress.

1. From the active call, tap **Add call** to dial the second call. The first call is displayed as a thumbnail.
2. Dial the new number and tap **Dial**.
   - Tap **Swap** to switch between the two calls.
   - Tap **Merge** to hear both callers at once (multi conferencing).

Call Waiting

If your service plan supports this feature, you can answer an incoming call while you have a call in progress. You are notified of an incoming call by a call waiting tone.

To answer a new call while you have a call in progress:

1. Slide **Answer** in any direction to answer the new call.
2. Tap an option:
   - **Putting [caller] on hold** to place the previous caller on hold while you answer the new incoming call.
   - **Ending call with [caller]** to end the previous call and answer the new call.
3. Tap the previous **On hold number entry** and select **Swap** to switch between the two calls. This places the new caller on hold and activates the previous call.

Call Log

The numbers of the calls you have dialed, received, or missed are stored in the Call log.

1. From a Home screen, tap **Phone**.
2. Tap the **LOG** tab. A list of recent calls is displayed. If the caller is in your contacts list, the caller's name is displayed.

Save a Recent Call to Your Contacts List

1. From a Home screen, tap **Phone** > **LOG** tab.
2. Tap the call that contains the information that you want to save to your contacts list.
3. Tap **CREATE CONTACT**.

   – or –

   If you want to replace the number for an existing contact, tap **UPDATE EXISTING**.

Delete a Call from the Call Log

1. From a Home screen, tap **Phone** > **LOG** tab.
2. Touch and hold the call you want to delete from the Call log.
3. Tap **DELETE**.

Make a Call Using Speed Dial

You can assign a shortcut number to a contact for speed dialing their default number.

To make a call using Speed dial:

1. From a Home screen, tap **Phone**.
2. Touch and hold the speed dial number.

   If the speed dial number is more than 1 digit long, enter the first digits, then hold the last digit.

Create a Speed Dial

1. From a Home screen, tap **Phone** > **CONTACTS** tab.
2. Tap **MORE** > **Speed dial**. The Speed dial screen displays showing the numbers 1 through 100. Number 1 is reserved for voicemail.
3. Tap an unused number. A list of contacts displays.
4. Tap a contact to assign to the number. The selected contact displays in the speed dial number box.

To remove a Speed dial number assignment:

► Tap **Remove**.

Make an Emergency Call

The Emergency calling mode makes redialing an emergency number a one-tap process.

Note: This mode can drain your battery power more rapidly than normal calling mode.

Make an Emergency Call without a SIM Card

Without a SIM card, you can only make an emergency call with the phone; normal cell phone service is not available.

1. From a secure Lock screen, swipe the phone icon up.
2. Tap **EMERGENCY CALL**.
3. Enter **911** and tap **Dial**.

   – or –

   Tap an **Emergency contact**.

   - To set up Emergency contacts, navigate to this screen, tap **Add contact**, and then select or create a contact.
4. Complete your call. During this type of call, you have access to the Speaker mode, Keypad, and End call features.

Make an Emergency Call with a SIM Card

1. From a Home screen, tap **Phone**.
2. Enter the emergency number (example: 911), then tap **Dial**.

Call Settings

To access the Call settings menu:

► From a Home screen, tap **Phone** > **MORE** > **Settings**.

– or –

From a Home screen, tap **Apps** > **Settings** > **Applications** > **Phone**.

Applications

The Apps screen displays all applications installed on your device, both preloaded apps and apps you download and install yourself.

Learn how to change the way apps display, organize apps into folders, and uninstall or disable apps.

Apps Screen

The Apps screen shows all preloaded apps and apps that you downloaded. You can uninstall, disable, or hide apps from view.

Shortcuts to apps can be placed on any of the Home screens. For more information, see Add a Shortcut to a Home Screen.

Access Applications

1. From a Home screen, tap **Apps**.
2. Tap an application's icon to launch it.
3. To return to the main Home screen, press the **Home** key.

Download and Install New Apps

Find new apps to download and install on your device:

- **Play Store**: Download new apps from the Google Play store. Visit play.google.com/store/apps to learn more.
- **Galaxy Apps**: View and download Samsung apps that are optimized for use with Galaxy devices. Visit samsung.com/levant/apps/mobile/galaxyapps to learn more.

Uninstall or Disable Apps

You can uninstall or disable apps you download and install.

- Preloaded apps cannot be uninstalled.
- Apps that are disabled are turned off and hidden from view.

To uninstall or disable an app:

1. From a Home screen, tap **Apps**.
2. Tap **EDIT**. Apps that can be uninstalled or disabled show **Delete** on their icon.
3. Tap **Delete** and follow the prompts to either uninstall or disable the app.

To enable an app you have disabled:

1. From a Home screen, tap **Apps** > **Settings** > **Applications** > **Application manager**.
2. On the DISABLED tab, tap an app, and then tap **ENABLE** to enable the app and display it on the Apps screen.

Change the Order Apps Are Listed

1. From a Home screen, tap **Apps**.
2. Tap **EDIT** for these options:
   - **Rearrange apps**: Touch and hold an app, and then drag it to a new location. Surrounding apps will rearrange to accommodate the new app.
   - **Create app folders**: Touch and hold an app, and then drag it on top of another app.
     - Tap the top of the folder to enter a folder name.
     - Tap **Palette** to change the folder color.
     - Tap anywhere outside of the folder to close it.
3. Tap **DONE** when you are finished arranging the Apps screen.

Google Applications

Enjoy these applications from Google.

Note: Certain applications require a Google Account. Visit google.com to learn more.

Chrome

Use Google Chrome to browse the Internet and bring your open tabs, bookmarks and address bar data from your computer to your mobile device.

Visit google.com/chrome/mobile to learn more.

Drive

Open, view, rename, and share your Google Docs and files.

Visit drive.google.com to learn more.

Gmail

Send and receive email with Gmail, Google's web-based email service.

Visit gmail.com to learn more.

Google

Search not only the Internet, but also the apps and contents of your device.

Google Now

Google Now works in the background to collect information you regularly look up and organize it into convenient cards that display when you need them.

Visit google.com/landing/now to learn more.

► Press and hold the **Home** key.

Note: When Google Now is enabled, you can also access it by tapping **Google**.

Google Settings

Quickly and easily change Google app settings to suit your preferences.

Note: You must be signed in to the application you want to configure. For example, sign in to Google+ to configure Google+ settings.

Google+

Stay connected and share with Google+. Chat with friends and family, post photos, and see what others are sharing.

Visit google.com/mobile/+ to learn more.

Hangouts

Hangouts is an online place to meet friends and family, share photos, and host video calls.

Visit google.com/hangouts to learn more.

Maps

Use Google Maps to find your current location, get directions, and other location-based information.

Note: You must enable location services to use Maps. Please see Location.

Visit google.com/maps to learn more.

Photos

This application automatically backs up your photos and videos to your Google+ account.

Visit google.com/+/learnmore/photos to learn more.

Play Books

With Google Play Books, you can find millions of free e-books and hundreds of thousands more to buy in the eBookstore.

Visit play.google.com/store/books to learn more.

Play Games

Discover hundreds of games for download and purchase through the Google Play store.

Visit play.google.com/store/apps/category/GAME to learn more.

Play Movies & TV

Watch movies and TV shows purchased from Google Play. You can stream them instantly, or download them for viewing when you are not connected to the Internet. You can also view videos saved on your device.

Visit play.google.com/store/movies to learn more.

Play Music

With Google Play Music, you can play music and audio files on your device.

Play Newsstand

Subscribe to your favorite magazines to read on your device at your leisure.

Visit play.google.com/store/newsstand to learn more.

Play Store

Find new apps, movies and TV shows, music, books, magazines, and games in Google Play store.

Visit play.google.com to learn more

Voice Search

Use voice commands to search the web with Google.

YouTube

View and upload YouTube videos right from your device.

U.S. Cellular Applications

Enjoy these applications from U.S. Cellular.

Note: Certain applications require a data plan or paid subscription. Visit uscellular.com to learn more, or contact your service provider for additional information.

Amazon

Shop at Amazon.com from your device.

City ID

City ID is an enhanced Caller ID feature that automatically displays the city and state of incoming calls. City ID provides over 20,000 cities in North America, giving you an important tool to help identify unknown callers and more effectively manage your communications.

Mobile Data Security

Keep your data safe and secure if your device is lost or stolen.

Mobile Hotspot

Access your mobile hotspot settings.

Your Navigator Deluxe

Enjoy all the features of an advanced car navigation system. Obtain turn-by-turn driving directions (including voice guided turn-by-turn directions) with GPS accuracy. Search for any destination (including gas stations, ATMs, restaurants, and more). View detailed maps of any location

Other Applications

OneDrive

OneDrive gives you free online storage for all your personal files so you can get to them from your Android device, computer, and other devices you use.

OneNote

Stay organized using text, pictures, or audio notes. Create Quick Notes or review and edit shared OneNote notebooks using OneDrive.

Skype

Use free Skype to hold video and voice calls, as well as send instant messages to anyone around the world. Just open the app and start using it.

Smart Manager

This apps provides shortcuts to your Battery, RAM, Storage, and Device security information.

Calculator

The Calculator provides basic and advanced arithmetic functions.

Basic Operation

1. From a Home screen, tap **Apps** > **Calculator**.
2. Enter the first number using the numeric keys.
3. Tap the appropriate arithmetic function key.
4. Enter the next number.
5. To view the result, tap the **Equals** key.

Additional Functions

To clear the results:

► Tap **Clear**.

To clear the calculator history:

► Tap **HISTORY** > **CLEAR HISTORY**.

To copy all or part of the calculation to the clipboard:

► Touch and hold an entry in the display field.

Scientific Calculator

A scientific calculator with advanced arithmetic functions is also available in the Calculator app.

► Rotate the device into landscape mode to use display the scientific calculator.

Note: If screen rotation is not enabled, slide the Status bar down to display the Notification panel, and then tap **Screen rotation**.

Calendar

Manage your events and tasks.

Events

Create an Event

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap **Add event**.
3. Enter details for the event and tap **SAVE**.

Edit an Event

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap to view an event or task, and tap again to view details.
3. Edit information for the event and tap **SAVE**.

Delete an Event

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap to view an event, and tap again to view details.
3. Tap **DELETE**.

Share an Event

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap to view an event or task, and tap again to view details.
3. Tap **SHARE**, select a sharing method, and follow the prompts.

Tasks

Create a Task

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap the date at the top of the screen, and then tap **Tasks**.
3. Tap **Enter new task** and enter your task.
   - Tap **TODAY** or **TOMORROW** to set a due date for your task.
   - Tap **Expand** to add more details.
4. Tap **SAVE**.

Edit a Task

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap the date at the top of the screen, and then tap **Tasks**.
3. Tap a task to view details.
4. Edit information for the task and tap **SAVE**.

Mark a Task as Being Completed

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap the date at the top of the screen, and then tap **Tasks**.
3. Tap the checkbox next to a task to mark it as being completed.

Delete a Task

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap the date at the top of the screen, and then tap **Tasks**.
3. Touch and hold a task to select it.
4. Tap **DELETE**.

Share a Task

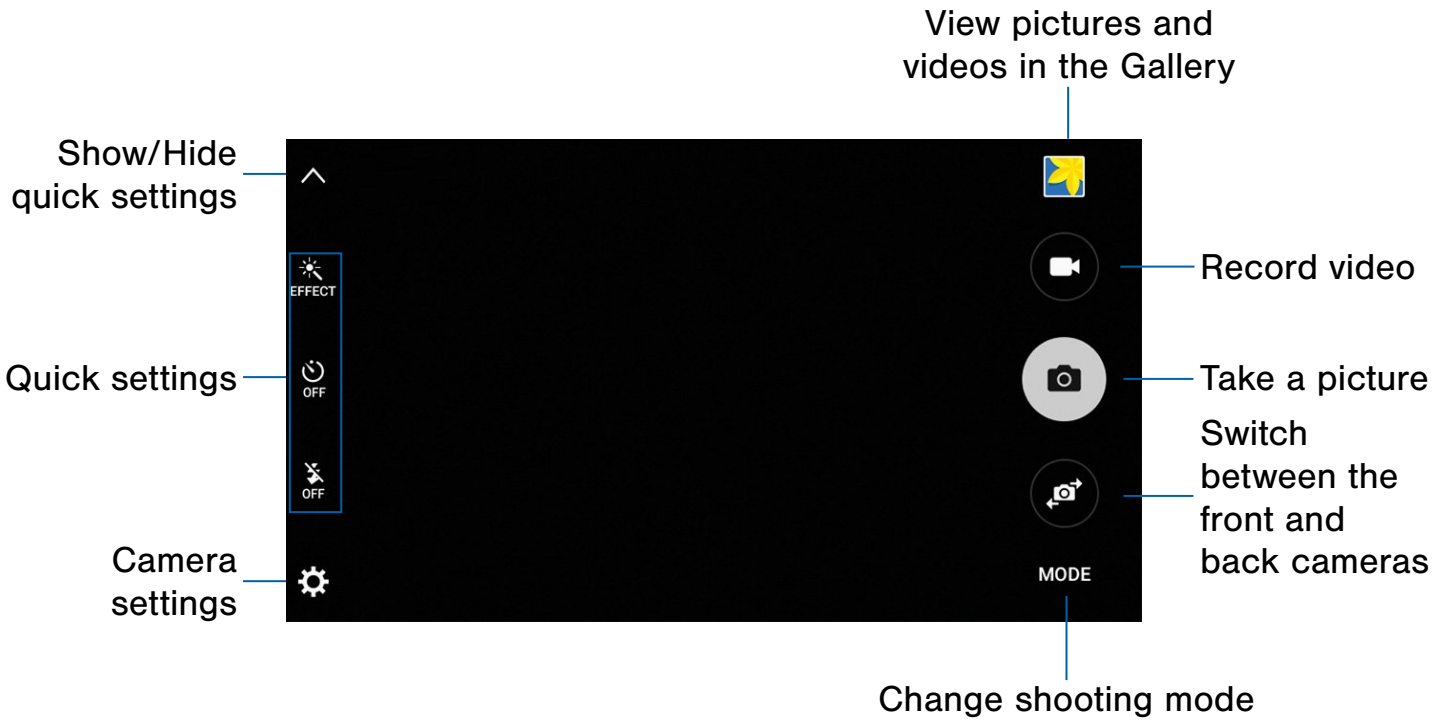
1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap the date at the top of the screen, and then tap **Tasks**.
3. Tap a task to view details.
4. Tap **SHARE**, select a sharing method, and follow the prompts.

Calendar Settings

These settings allow you to modify settings associated with using the Calendar.

1. From a Home screen, tap **Apps** > **Calendar**.
2. Tap **MORE** > **Settings**.
3. Tap an option and follow the prompts.

Camera and Video



Take Pictures

Take pictures with your device's front or back camera, or combine shots with Dual mode.

1. From a Home screen, tap **Apps** > **Camera**.
2. Using the display screen as a viewfinder, compose your shot by aiming the camera at the subject. While composing your picture, use the options or these gestures:
   - Touch the screen with two fingers and pinch or spread them on the screen to zoom in and out.
   - Tap the screen to focus on the area you touched.
3. Tap to take the picture.

Note: You can also press the **Volume** key up or down to take a photo. The Volume key can be reassigned to act as the video record key or as a zoom key.

Shooting Mode

Several shooting modes are available. Some modes are not available when taking self-portraits.

1. From a Home screen, tap **Apps** > **Camera**.
2. Tap **MODE** to display the Shooting Modes.
3. Tap **Info** to see a description of each mode.

Quick Settings

Quick settings are listed across one side of the camera view finder. Available options vary depending on the camera or recording mode used. Default settings include:

- **EFFECT**: Add special graphical effects.
- **Timer**: Take time-delayed pictures or videos.
- **Flash**: Activate or deactivate the flash. (Available only on the Rear camera.)
- **Beauty**: Take a photo with lightened faces for gentler images. (Available only on the Front camera.)

Camera Settings

1. From a Home screen, tap **Apps** > **Camera**.
2. Tap **Settings**. Available options vary depending on the camera/recording mode used.
   - **Picture size**: Select a resolution. Use higher resolution for higher quality. Higher resolution pictures take up more memory.
   - **Video size**: Select a resolution. Use higher resolution for higher quality. Higher resolution videos take up more memory.
   - **Gesture control**: Detect palm and automatically take a picture two seconds later. (Front camera only.)
   - **Save pictures as previewed**: Save the self-portrait or self-recording as you see it when taking the picture. (Front camera only.)
   - **Grid lines**: Display viewfinder grid lines to help composition when selecting subjects.
   - **Location tags**: Attach a GPS location tag to the picture.
   - **Review pictures**: Set to show pictures after taking them.
   - **Voice control**: Set the camera to take photos with voice commands.
   - **Storage location**: Select the memory location for storage.
   - **Volume keys function**: Use the Volume keys to take pictures, record video, or to zoom in and out.
   - **Reset settings**: Reset the camera settings.

Clock

The Clock app offers features for keeping track of time and setting alarms.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap a tab to use a feature:
   - **Alarm**: This feature allows you to set an alarm to ring at a specific time.
   - **World clock**: View the time of day or night in other parts of the world. World Clock displays time in hundreds of different cities, within all 24 time zones around the world.
   - **Stopwatch**: You can use this option to measure intervals of time.
   - **Timer**: You can use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

Create an Alarm

Create an alarm event. You can set one-time or recurring alarms, and choose options for how to be notified.

1. From a Home screen, tap **Apps** > **Clock**.
2. Tap the following to configure an alarm:
   - **Date**: Choose the day for this alarm.
   - **Time**: Set a time for the alarm.
   - **Repeat weekly**: Repeat the alarm every week, day, or specific day of the week.
3. Tap **OPTIONS** to customize:
   - **Alarm type**: Choose whether the alarm uses sound, vibration, or sound and vibration to alert you.
   - **Volume**: If you have chosen an alarm type that includes sound, drag the slider to set the volume of the alarm.
   - **Alarm tone**: If you have chosen an alarm type that includes sound, choose a sound to play for the alarm.
   - **Snooze**: Allow snoozing, and set interval and repeat values for the alarm while snoozing.
   - **Increasing volume**: When on, the alarm will start playing a tone at a low volume at an interval before the alarm time, and slowly increase in volume. Available when you have chosen an alarm type that includes sound.
   - **Alarm name**: Enter a name for the alarm.
4. Tap **SAVE** to save the alarm.

Delete an Alarm

1. From a Home screen, tap **Apps** > **Clock**.
2. Find the alarm in the alarm list (under the **Alarm** tab), and then tap **Delete** in the upper right corner of the alarm entry.

Contacts

Store and manage your contacts with the Contacts app, which can be synchronized with a variety of your existing personal accounts, including Google, Email, Facebook, and your Samsung account.

For more information on connecting with and managing your accounts through your device, see Accounts.

Manage Contacts

Access your list of contacts by using the Contacts app. To access your Contacts list:

► From a Home screen, tap **Apps** > **Contacts**.

Find a Contact

You can search for a contact, or scroll the list to find one by name.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the **Search** field, and then enter characters to find contacts that match.

   – or –

   Tap a letter on the side of the list to jump directly to that letter in the alphabetical list. You can also press and slide across the alphabetical list to select a letter with better precision.

Add a Contact

Use the following procedure to add a new contact.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **Create contact**, and then tap contact fields to enter information.
   - Choose a storage account for the contact. You can store the contact on the device, or sync it with an account.
   - Tap **Contact photo** to assign a picture to the new contact.
   - Enter a name, phone number, email address, assign the contact to a group, and assign a ringtone. Tap **ADD ANOTHER FIELD** to add additional contact information.
     - Tap **Add** to enter additional entries.
     - Tap **Remove** to remove an entry.
     - Tap **Expand** for additional fields.
3. Tap **SAVE**.

Edit a Contact

When editing a contact, you can tap a field and change or delete the information, or you can add additional fields to the contact's list of information.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to display it, and then tap **EDIT**.
3. Tap any of the fields to add, change, or delete information.
4. Tap **SAVE**.

Share a Contact

When you share a name card, the contact's information is sent as a vCard file (.vcf). You can share a vCard via Bluetooth or Wi-Fi Direct, attach it to a message, or save it to a storage location.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **MORE** > **Share contact**.
3. Choose a sharing method and follow the prompts.

Link Contacts

When you have contacts from various sources (Gmail, Facebook, and so on), you may have multiple similar entries for a single contact. Contacts lets you link multiple entries into a single contact.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to display it, and then tap **Linked contacts**.
3. Tap **LINK ANOTHER CONTACT**, and then select contacts to link to the original contact.
4. Tap **LINK**.

Unlink Contacts

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap the contact to display it, and then tap **Linked contacts**.
3. Tap **Separate** beside contacts to unlink them from the main contact.

Create a Shortcut to a Contact

You can create a shortcut to a contact on a Home screen to access their information directly from a Home screen.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **MORE** > **Add shortcut to Home screen**.

Delete Contacts

You can delete a single contact or choose multiple contacts to delete.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Touch and hold a contact to select it. You can also tap the checkbox at the top of the screen to select all.
3. Tap **DELETE**.

Favorites

When you mark contacts as favorites, they are easily accessible from other apps.

Mark Contacts as Favorites

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **Favorite** (the star turns gold).

Remove Contacts from Favorites

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap a contact to display it, and then tap **Favorite** (the gold color is removed).

Groups

You can use groups to organize your contacts. Your device comes with preloaded groups, and you can create your own. You might create a group for your family, for coworkers, or a team. Groups make it easy to find contacts.

Create a Group

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**, and then tap **ADD**.
3. Tap fields to enter information about the group:
   - Tap **Create group in [location]** to choose where to save the group. You can save it to a specific account, to the device memory, or to all accounts. Tap entries to select or deselect them.
   - Tap **Group name** to enter a name for the new group.
   - Tap **Add member** and select contacts to add to the new group, and then tap **DONE**.
   - Tap **Group ringtone** to assign a ringtone to the group.
4. Tap **SAVE**.

Rename a Group

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**, and then tap a group.
3. Tap **MORE** > **Edit group** and enter a new name.
4. Tap **SAVE**.

Add Contacts to a Group

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**, and then tap a group.
3. Tap **ADD**, and then tap the contacts you want to add.
4. Tap **DONE**.

Send a Message or an Email to a Group

You can send an email to members of a group.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**, and then tap a group.
3. Tap **MORE** > **Send message or email**.
4. Tap **Message** or **Email**.
5. Tap contacts to select them, or tap the **selected** checkbox at the top of the screen to select all, and then tap **DONE**.
6. Follow the prompts.

Delete a Group

Preset groups, such as Family, cannot be deleted.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **GROUPS**.
3. Tap **DELETE**.
4. Tap the group category to open.
5. Tap the groups to select them or tap the checkbox at the top of the screen to select all
6. Tap **DELETE**.
7. Tap **Group only** to only delete the group or tap **Groups and members** to delete the groups and the contacts in the groups.

Contact Settings

These settings allow you to modify settings associated with using the Contacts app.

1. From a Home screen, tap **Apps** > **Contacts**.
2. Tap **MORE** > **Settings**.
3. Tap an option and follow the instructions.

Email

Use the Email app to view and manage all your email accounts in one application.

To access Email:

► From a Home screen, tap **Apps** > **Email**.

Configure Email Accounts

You can configure Email for most accounts in just a few steps.

1. From a Home screen, tap **Apps** > **Email**.
2. Follow the instructions to set up your email account.

To add additional accounts:

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **MORE** > **Settings**.
3. Tap **Add account**.

The device communicates with the appropriate server to set up your account and synchronize your email. When complete, your email appears in the Inbox for the account.

Note: To configure email account settings at any time, tap **MORE** > **Settings**. Tap the email account to display its settings.

Manage Your Email Accounts

You can view email you receive for all accounts on the **Combined view** screen or you can view email accounts individually.

1. From a Home screen, tap **Apps** > **Email**.
2. Tap the drop down menu at the top left of the screen to view the current account mailbox.
3. Tap on the account name to view:
   - **Combined inbox**: View all email in a combined inbox.
   - **[Account Name]**: View email for only one email account.

Delete Email Accounts

To delete an Email account:

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **MORE** > **Settings**.
3. Tap the account you want to remove.
4. Tap **REMOVE**.

Email Settings

These settings allow you to modify settings associated with using the Email app.

1. From a Home screen, tap **Apps** > **Email**.
2. Tap **MORE** > **Settings**.
3. Tap an option and follow the instructions.

Galaxy Apps

Samsung Galaxy Apps is a free storefront that provides a quick and easy way to find and download apps that are compatible with your Galaxy device.

To access the Samsung Galaxy Apps website:

► From a Home screen, tap **Apps** > **Galaxy Apps**.

Note: A Samsung account is required to purchase and download apps.

Gallery

View, edit, and manage pictures and videos.

View Images and Videos

Launching Gallery displays available folders. When another application, such as email, saves an image, a Download folder is automatically created to contain the image. Likewise, capturing a screenshot automatically creates a Screenshots folder.

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap **Menu**, and then tap **Time** or **Albums** to choose the way items display.
   - Tap **Menu** > **Albums**, and then tap **MORE** > **Create album** to create a new album.
   - Tap an album to open it.
   - Tap an image or video to view it in full screen. Scroll left or right to view the next or previous image or video.

Zoom In and Out

Use one of the following methods to zoom in or out on an image:

- Double-tap anywhere on the screen to zoom in or zoom out.
- Spread two fingers apart on any place to zoom in. Pinch the screen to zoom out.

Play Videos

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap an album or folder to open it.
3. Tap a video to view it.

Edit Images

► While viewing an image, tap the screen for options:

- **Share**: Share the image with other people and devices.
- **Edit**: Edit the image with photo editing tools.
- **Delete**: Delete the image.
- Tap **CAMERA** to take new pictures.
- Tap **MORE** for additional options:
  - **Details**: View details about the image.
  - **Slideshow**: Start a slideshow with the images and videos in the current folder.
  - **Set as contact picture**: Set the image as a contact's photo.
  - **Set as wallpaper**: Set the image as wallpaper.

Delete Images

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap an album or folder to open it.
3. Touch an hold an image to select it. Select additional images to delete.
4. Tap **DELETE**.

Tip: When viewing a single image, tap **Delete**.

Share Images

1. From a Home screen, tap **Apps** > **Gallery**.
2. Tap an album or folder to open it.
3. Touch an hold an image to select it. Select additional images to share.
4. Tap **SHARE** and follow the prompts.

Tip: When viewing a single image, tap **Share** to share it with other people or devices.

Internet

Access to the Internet with a fully featured web browser.

Access the Internet

► From a Home screen, tap **Apps** > **Internet**.

Command Keys

The following command keys are available.

- **Back** or **Back** key to return to the previous page.
- **Forward** to go forward to a recent page.
- **Home** to display your Internet Home screen.
- **Bookmarks** to add bookmarks to the current page.
- **Tabs** to add a new web page tab.
- **Refresh** to reload the current page.

View a Web Site

To view a web site:

► Tap the **address** field, enter the web address, and then tap **Go**.

To zoom in or out:

► Tap the screen twice or pinch the screen to zoom out and stretch the screen to zoom in.

Browser Tabs

Use tabs to view multiple web pages at the same time.

To open a new tab:

► Tap **Tabs** > **NEW TAB**.

To close a tab:

► Tap **Tabs** and tap **Close**.

Bookmarks

To bookmark the current web page:

► Tap **Bookmarks** > **ADD**.

To open a bookmarked web page:

► Tap **Bookmarks** and tap an entry.

Saved Pages

To save the current web page:

► Tap **MORE** > **Save web page**.

To view a list of saved web pages:

► Tap **Bookmarks** > **SAVED PAGES**.

History

To view a list of recently visited web pages:

► Tap **Bookmarks** > **HISTORY**.

Secret Tabs

Pages viewed with secret tabs do not display within your browser history or search history, and leave no traces (such as cookies) on your device.

The secret tab's title bar changes to a dark gray with yellow text.

Note: Any downloaded files will remain on your device after you close the secret tab.

To open a window in secret mode:

► Tap Tabs > **MORE** > **New secret tab**.

Internet Settings

These settings allow you to modify settings associated with using the Internet app.

1. From a Home screen, tap **Apps** > **Internet**.
2. Tap **MORE** > **Settings**.
3. Tap an option and follow the instructions.

Memo

Use the Memo app to write and save notes on your device.

Compose a Memo

1. From a Home screen, tap **Apps** > **Memo**.
2. Tap **Create memo**, and then type a memo.
   - To change the category, tap the **Category** icon.
   - To insert an image into the memo, tap the **Image** icon.
   - To use your voice to insert text into the memo, tap the **Voice** icon.
   - To add a task to your memo, tap **Tasks**.
3. When finished creating your memo, tap **SAVE**.

Manage Memos

1. From a Home screen, tap **Apps** > **Memo**.
2. Tap a memo thumbnail to open it.
   - To edit a memo, tap the content of the memo.
3. Tap **MORE** and choose an option:
   - To delete the memo, tap **Delete**.
   - To send a memo to others, tap **Share**.

Browse Memos

1. From a Home screen, tap **Apps** > **Memo**.
2. Browse memo thumbnails by scrolling up or down.
3. To search for a memo, tap **SEARCH**.

Memo Options

While browsing memos:

► Tap **MORE** for the following options:

- **Edit**: Select notes to delete or move.
- **Share**: Share memos.
- **Manage categories**: Create and manage categories to organize your memos.

Messages

Learn how to send and receive different messages using the default Messaging app on your phone.

Types of Messages

Your default Messaging app provides the following message types:

- Text Messages (SMS)
- Multimedia Messages (MMS)

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type.

Create and Send Messages

This section describes how to create a send a message using the Messaging app.

1. From a Home screen, tap **Messages** > **Compose**.
2. Tap the **Enter recipients** field to manually enter a recipient or tap **Add Recipient** to select a recipient from your Contacts. You can also select the recipient based on Groups.
   - If adding a recipient from your Contacts, tap the contact to place a check mark then tap **DONE**. The contact is placed in the recipients field.
   - Enter additional recipients by separating each entry with a semicolon (;). More recipients can be added at any time before the message is sent.
   - If adding a recipient from Groups, tap a Group, tap the contacts to select them, and then tap **DONE**. The contacts are placed in the recipients field.
3. Tap the **Enter message** field and enter a message.
   - Tap **Attachment** to attach a file to the message.
4. Tap SEND **Send**.

Note: If you exit a message before you send it, the message is automatically saved as a draft.

View New Messages

When you receive a new message, a new message icon displays on the Status bar.

To view the message:

1. Open the Notification panel and select the message.

   – or –

   From a Home screen, tap **Apps** > **Messages**, and then tap the new message to view it.

2. To play a multimedia message (audio or video), tap **Play**.

3. To scroll through the list of messages, tap the screen and scroll up or down the page.

Delete Messages

To delete messages, follow these steps:

1. From a Home screen, tap **Apps** > **Messages**.

2. Touch and hold a message.

   - Tap additional messages you want to delete.

3. Tap **DELETE**.

Message Search

1. You can search through your messages by using the Message Search feature.

2. From a Home screen, tap **Apps** > **Messages**.

3. Tap **SEARCH**.

4. Enter a word or phrase to search for, and then tap **Search** on the keyboard.

Messages Settings

Configure the settings for text messages, multimedia messages, push messages, and so on.

► From a Home screen, tap **Apps** > **Messages** > **MORE** > **Settings**.

Emergency Alerts

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS) which may also be known as the Personal Localized Alerting Network (PLAN). For more information, please contact your wireless provider.

Emergency Alerts allows customers to receive geographically-targeted messages. Alert messages are provided by the US Department of Homeland Security and will alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert message.

There are three types of Emergency Alerts:

- Alerts issued by the President
- Alerts involving imminent threats to safety of life (Extreme and Severe)
- AMBER Alerts (missing child alert)

Users may choose not to receive Imminent Threats (Extreme and Severe) and AMBER Alerts. Alerts issued by the President cannot be disabled.

To disable Imminent Threats and AMBER Alerts, follow the instructions below:

1. From a Home screen, tap **Apps** > **Messages**.

2. Tap **MORE** > **Settings** > **Emergency alert settings**.

3. Tap **Emergency alerts**.

4. All alerts are enabled by default. Tap the **ON/OFF** switch to disable it.

My Files

Access files stored on your device, including images, videos, songs, and sound clips.

View Files

Files stored in the phone are organized into the following groups:

- **Category**: Files are grouped into the following categories:
  - **Images**: View image files.
  - **Videos**: View video files.
  - **Audio**: View audio files.
  - **Documents**: View document files.
  - **Download history**: View all apps and files that have been downloaded to the phone.
- **Local storage**: View folders and files in their storage locations.
  - **Device storage**: View folders and files located on the device.
  - **SD card**: View folders and files located on a memory card (not included).
- **Cloud storage**: View folders and files saved to cloud locations.
  - **Google Drive**: View folders and files located in your Google Drive account.

To view files in My Files:

1. From a Home screen, tap **Apps** > **My Files**.
2. Tap a category to view the relevant files or folders.
3. Tap a file or folder to open it.

My Files Options

Options may vary by folder or category.

- **SEARCH**: Search for a file or folder.
- Tap **MORE** for these options:
  - **Edit**: Select files or folders.
  - **Show/Conceal hidden files**: Show or conceal hidden files.

Category Options

After tapping a category, the following options are available:

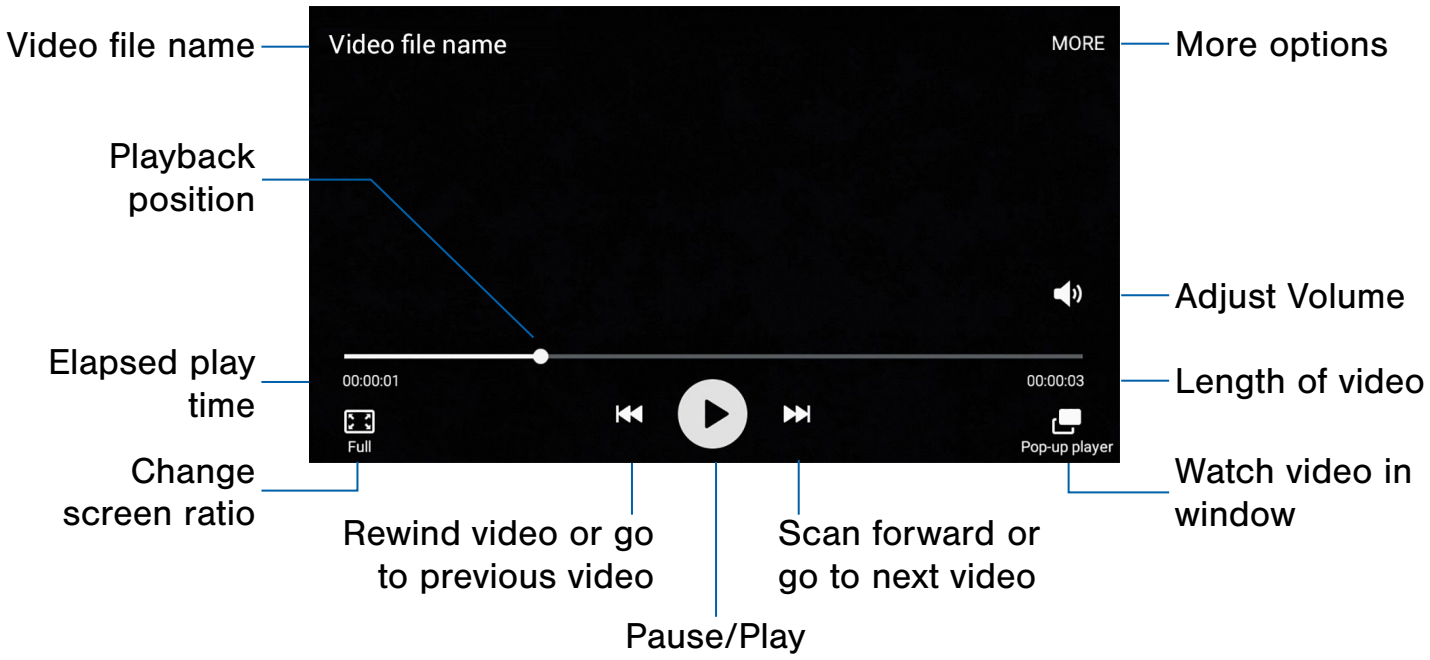
- **HOME**: Return to the main My Files screen.
- **SEARCH**: Search for a file or folder.
- **MORE**: Tap for the following options:
  - **Edit**: Select files or folders.
  - **Share**: Send files to others or share them.
  - **Create folder**: Add a folder to sort files (Local storage categories only).
  - **Add shortcut**: Add a shortcut on the main My Files screen.
  - **View as**: Change the appearance of the files or folders.
  - **Sort by**: Change the sort order of the files.
  - **Show/Conceal hidden files**: Show or conceal hidden files.

Options for Selected Files and Folders

► Touch and hold a file or folder for these options:

- **SHARE**: Send files to others or to a device.
- **DELETE**: Delete files or folders.
- **MORE**:
  - **Move**: Move files or folders to another folder.
  - **Copy**: Copy files or folders to another folder.
  - **Rename**: Rename a file or folder. This option only displays when just one file or folder is selected.
  - **Add shortcut on Home screen**: Add a shortcut to a Home screen.
  - **Compress**: Create a zip folder containing the selected files. This option only displays in Local storage categories.
  - **Details**: View details of the selected file(s) or folder(s).

Video Player



Play and manage videos stored on your device.

To access video:

1. From a Home screen, tap **Apps** > **Video**.
2. Scroll through the videos stored on your device. After a few seconds, each video thumbnail begins playing a preview of the clip.
3. Tap a video to view it.

Voice Recorder

Record voice memos and notes.

Create a Voice Recording

► From a Home screen, tap **Apps** > **Samsung** folder > **Voice Recorder**.

- Tap **Record** to record an audio file.
- Tap **Stop** to stop recording. The file is automatically saved.
- Tap **Pause** to pause the recording of an audio file.
- Tap **Bookmark** to bookmark a position in the recording for later reference.
- While recording, tap **MORE** > **Turn on Call rejection** to reject incoming calls during a recording.

Manage Recordings

To display a list of recordings:

1. From a Home screen, tap **Apps** > **Samsung** folder > **Voice Recorder**.
2. Tap **Recordings**.
3. Tap a recording to play it back.
4. Tap **MORE** for additional options:
   - **Edit**: Tap to select recordings. Once selected, the following options are available:
     - **DELETE**: Delete the recording.
     - **MORE**: Tap to either **Rename** the file or **Write to Voice Label** (which writes the recording to an NFC voice label).
   - **Share**: Tap to select recording files, and then tap **SHARE** to select a sharing method.
   - **Search**: Tap to search for a recording.

Settings

Configure your device's connections and settings, add accounts, and customize the home screen, apps, and features.

Some options use an **ON/OFF** button to turn the option on (

) or off (

).

For some options, you must tap a field, such as **Email address**, to display and set options.

Access Settings

► From a Home screen, tap **Apps** > **Settings**.

– or –

From a Home screen, drag down from the Status bar to display the Notification panel, and then tap **Settings**.

Search for Settings

If you are not sure exactly where to find a certain setting, you can use the Setting search feature.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **SEARCH**.
   - Enter a word or words in the Search box. As you type, settings that match display on the screen.
   - Tap an entry to go to that setting.

Wi-Fi and Wi-Fi Direct

Wi-Fi is a term used for certain types of Wireless Local Area Networks (WLAN). Wi-Fi communication requires access to a Wireless Access Point (WAP).

Wi-Fi Direct creates a direct connection between two or more devices using Wi-Fi.

Turn Wi-Fi On or Off

Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on or off.

Scan and Connect to a Wi-Fi Network

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on.
3. When Wi-Fi is first turned on, your device will automatically scan for available networks and display them.
4. Tap the network you want to connect to.
   - When you select an open network, you are automatically connected to the network. Otherwise, enter a password to connect.

Manually Connect to a Wi-Fi Network

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on.
3. Tap **MORE** > **Add network**.
4. Enter information about the Wi-Fi network:
   - Tap **Network name** to enter the name of the Wi-Fi network.
   - Tap the **Security** field and select a security option and enter your password.
   - Tap **Show advanced options** if you need to add advanced options such as Proxy and IP settings.
5. Tap **CONNECT** to store the new information and connect to your target WAP.

Wi-Fi Status Indicators

These Status bar icons show your current Wi-Fi connection status:

Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

A Wi-Fi access point is available, but your device is not connected to it. It may also display if there is a communication issue with the target Wireless Access Point (WAP).

Wi-Fi Settings

The Wi-Fi settings menu allows you to set up many of your device's advanced Wi-Fi services.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on.
3. Tap **MORE** for options:
   - **Add network**: Manually connect to a Wi-Fi network.
   - **WPS push button**: Set up a connection to a WPS (Wi-Fi Protected Setup) router or other equipment.
   - **WPS PIN entry**: View the PIN used by your device to set up a PIN-secured connection to a Wi-Fi router or other equipment (not configurable).
   - **Smart network switch**: Automatically switch between Wi-Fi and mobile networks to maintain a stable Internet connection.
   - **Keep Wi-Fi on during sleep**: Specify when to disconnect from Wi-Fi.
   - **Always allow scanning**: Allow Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
   - **Install network certificates**: Install authentication certificates.

Wi-Fi Direct

Wi-Fi Direct allows direct device-to-device connections via Wi-Fi, without having to connect to a Wi-Fi network.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on. Wi-Fi must be on to configure settings.
3. Tap **Wi-Fi Direct**. Your device automatically scans for nearby Wi-Fi Direct devices.
4. After scanning for devices, select a device, and then follow the prompts to complete the connection.

Wi-Fi Direct Status Indicator

When your device is connected to another device using Wi-Fi Direct, displays in the Status bar.

Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car Bluetooth systems, and Bluetooth-enabled computers, printers, and wireless devices.

Note: The Bluetooth communication range is approximately 30 feet.

Turn Bluetooth On or Off

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn Bluetooth on or off.

Bluetooth Status Indicators

When Bluetooth is turned on, displays in the Status bar.

Scan for Bluetooth Devices

When you want to pair with another Bluetooth device, you can scan for nearby devices that are visible.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn on Bluetooth.
3. When Bluetooth is first turned on, it scans for nearby Bluetooth devices and displays them.
   - To manually perform a new scan, tap **SCAN**.

Pair Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device.

Pairing between two Bluetooth devices is a one-time process. Once a pairing is created, the devices continue to recognize their partnership and exchange information without having to re-enter a passcode.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn on Bluetooth.
3. Make sure that the target device is discoverable, so that your device can find it. Refer to the instructions that came with the device to find out how to set it to discoverable mode.

4. Tap **SCAN**. Your device starts to scan for Bluetooth devices within range.
5. When you see the name of the target device displayed in the Bluetooth devices section, tap the name. Your device then automatically tries to pair with the target device. If automatic pairing fails, enter the passcode supplied with the target device.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible devices.

Rename a Paired Device

Once you have paired your phone to another device, you can rename the paired device to make it easier to recognize.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn Bluetooth on.
3. From the Bluetooth settings screen, tap **Settings** next to the previously paired device, and then tap **Rename**.
4. Use the keyboard to enter a new name, and then tap **RENAME**.

Delete a Paired Device (Unpair)

When you unpair from a Bluetooth device, the two devices no longer recognize each other. To connect again, you'd need to pair the devices.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn Bluetooth on.
3. From the Bluetooth settings page, tap **Settings** next to the previously paired device, and then tap **Unpair** to delete the paired device.

Airplane Mode

Airplane mode disconnects your device from all networks and turns off connectivity features, such as phone calls and Wi-Fi.

While in airplane mode, you can use other features, such as playing music, watching videos, and other online applications.

Turn Airplane Mode On or Off

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Airplane mode**.
3. Tap **ON/OFF** to enable or disable the option.

Note: You can also control Airplane mode from the Device options menu. Press and hold the **Power** key, and then tap **Airplane mode**.

Mobile Hotspot and Tethering

Use Mobile Hotspot to share your device's Internet connection with other devices using your device as a portable Wi-Fi hotspot.

Share your device's Internet connection with a computer that connects to your device using a USB cable.

Use Your Device as a Portable Wi-Fi Hotspot

Note: You must have a tethering plan on your service account in order to use the Mobile Hotspot.

Warning: Mobile Hotspot consumes battery power and uses data service.

Turn Mobile Hotspot On or Off

Activate your device's Mobile Hotspot application to allow other devices to use your device's Internet connection.

1. From a Home screen, tap **Apps** > **Settings** > **Wi-Fi hotspot and tethering** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn Mobile Hotspot on or off.

Warning: By default, your device's Mobile Hotspot has no security applied, and any device can connect. For more information, see Configure Mobile Hotspot Settings.

Connect a Device to Your Mobile Hotspot

Use the other device's Wi-Fi control to connect to your device's Mobile Hotspot.

1. From a Home screen, tap **Apps** > **Settings** > **Wi-Fi hotspot and tethering** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn on Mobile Hotspot.
3. Activate Wi-Fi on the target device.
4. Scan for Wi-Fi hotspots and select the target device from the list.
5. On the target device, enter your device's Mobile Hotspot password.

Allowed Device List

Control whether devices connect to your Portable Wi-Fi hotspot with the Allowed device list. After you add devices to the list, they can scan for your device and connect using your device's Mobile Hotspot name and password.

Note: Using your device as a Mobile Hotspot consumes battery power and uses data service. While Mobile Hotspot is active, your device's applications will use the Mobile Hotspot data service. Roaming while using your device as a Mobile Hotspot will incur extra data charges.

1. From a Home screen, tap **Apps** > **Settings** > **Wi-Fi hotspot and tethering** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn on Mobile Hotspot.
3. Tap **MORE** > **Allowed devices**, and then tap **ADD** to enter the other device's Device name and MAC address.
4. Tap **OK** to add the device.

Change the Mobile Hotspot Password

1. From a Home screen, tap **Apps** > **Settings** > **Wi-Fi hotspot and tethering** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn on Mobile Hotspot.
3. Tap **MORE** > **Configure Mobile Hotspot**.
4. Tap the **Security** field and select **WPA2 PSK**.
5. Scroll down and enter a new password in the **Password** field.

Configure Mobile Hotspot Settings

Manage your Mobile Hotspot security and connecting settings.

1. From a Home screen, tap **Apps** > **Settings** > **Wi-Fi hotspot and tethering** > **Mobile Hotspot**.
2. Tap **MORE** > **Configure Mobile Hotspot**:
   - **Network name**: View and change the name of your Mobile Hotspot.
   - **Broadcast network name (SSID)**: Make your Mobile Hotspot visible to other Wi-Fi devices. If disabled, other devices can still connect to your Mobile Hotspot, but will have to set up the connection manually with your Network SSID and Password.
   - **Security**: Choose the security level for your Mobile Hotspot.

Note: Scroll down to view all options.

- **Password**: If you choose a security level that uses a password, enter the password.
- **Show password**: Display your password instead of masking it.
- **Show advanced options**: Access advanced options, including Broadcast channel, and to specify the channel your device uses for Mobile Hotspot.

Turn Off Mobile Hotspot Automatically

Set your device to automatically turn off Mobile Hotspot if there are no connected device.

1. From a Home screen, tap **Apps** > **Settings** > **Wi-Fi hotspot and tethering** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn on Mobile Hotspot.
3. Tap **MORE** > **Timeout settings** and select an amount of time.

Use Tethering to Connect Your Device to a Computer

► From a Home screen, tap **Apps** > **Settings** > **Wi-Fi hotspot and tethering**.

- **Bluetooth tethering**: Share this phone's Internet connection using Bluetooth. See Bluetooth.
- **USB tethering**: Connect the computer to the device using the USB cable, and then tap **USB tethering** to turn tethering on.

Data Usage

Monitor your mobile data usage.

Note: Your service provider may account for data usage differently.

1. From a Home screen, tap **Apps** > **Settings** > **Data usage** for options:
   - **Mobile data**: Enable mobile data. You can also control Mobile Data at the Notification panel.
   - **Set mobile data limit**: Disable your mobile data connection when the specified limit is reached. Drag the red limit line to set the data usage limit.
   - **Data usage cycle**: Tap the menu, and then choose a time period for data usage. Data usage for the period displays on the graph, along with usage by application below.
2. Tap **MORE** for options:
   - **Restrict background data**: Restrict some apps and services from working unless you are connected to a Wi-Fi network.
   - **Show Wi-Fi usage**: Display a Wi-Fi tab that shows Wi-Fi usage.
   - **Restrict networks**: Select Wi-Fi networks that are mobile hotspots. You can restrict apps from using these networks, and you can configure apps to warn you before using these networks for large downloads.

NFC and Payment

NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device. This is used for applications such as Android Beam and S Beam.

NFC can also be used for making purchases with your phone.

To activate NFC:

1. From a Home screen, tap **Apps** > **Settings** > **NFC and payment**.
2. Tap **NFC**.
3. Tap **ON/OFF** to turn NFC on.

Android Beam

When Android Beam is activated, you can beam app content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

1. From a Home screen, tap **Apps** > **Settings** > **NFC and payment**.
2. Tap **NFC**.
3. Tap **ON/OFF** to turn NFC on.
4. Tap **Android Beam**, then tap **ON/OFF** to turn the feature on.
5. Touch the back of your device with another NFC-capable device and the content is transferred.

Tap and Pay

Tap and pay allows you to select the default payment application you want to use for making on-phone purchases.

1. From a Home screen, tap **Apps** > **Settings** > **NFC and payment**.
2. Tap **NFC**.
3. Tap **ON/OFF** to turn NFC on.
4. Go back one screen and tap **Tap and pay**.
5. Select the app that you want as your default.

More Connection Settings

This option displays additional connectivity information.

Printing

Print images and documents to Samsung printers and other compatible printers (not included).

1. From a Home screen, tap **Apps** > **Settings** > **More connection settings** > **Printing**.
2. Tap a print service and follow the prompts.

Note: Tap **Download plug-in** to install additional print service drivers.

Virtual Private Networks (VPN)

Set up and manage your Virtual Private Networks (VPNs).

Note: You must set a screen lock PIN or password before setting up a VPN. For more information, see Lock Screen and Security.

Add a VPN

1. From a Home screen, tap **Apps** > **Settings** **More connection settings** > **VPN**.
2. Tap **ADD VPN** and follow the prompts to set up your VPN.

Connect to a VPN

1. From a Home screen, tap **Apps** > **Settings** > **More connection settings** > **VPN**.
2. Tap a VPN, enter your log in information, and tap **CONNECT**.

Edit or Delete a VPN

1. From a Home screen, tap **Apps** > **Settings** > **More connection settings** > **VPN**.
2. Touch and hold the VPN that you want to edit or delete.

Default Messaging App

If you have multiple messaging apps installed, you can select which app should be your default messaging app.

1. From a Home screen, tap **Apps** > **Settings** > **More connection settings**.
2. Tap **Default messaging app** to select a default.

Sound and Notification Settings

Configure the sounds and vibrations used to indicate notifications, screen touches, and other activities.

Change the Sound Mode

You can switch between sound modes, while preserving the individual sound settings you have made.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and notifications** > **Sound mode**, and then choose a mode:
   - **Sound**: Your device uses the sounds, vibrations, and volume levels you have chosen in Sound settings for notifications and alerts.
   - **Vibrate**: Your device vibrates for notifications and alerts. This uses the Vibration intensity you choose in Sound settings.
   - **Mute**: Your device mutes all sounds and notifications.

Adjust the Volume

Set the system volume level, and set default volume for call ringtones, notifications, and other audio.

Tip: You can also set System volume from the home screen by pressing the **Volume** key.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and notifications** > **Volume**.
3. Drag the sliders to set the default volume for:
   - Ringtone
   - Media
   - Notifications
   - System

Ringtones and Sound

Select a Default Ringtone

Choose from preset ringtones or add your own.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and notifications** > **Ringtones and sounds** > **Ringtone**.
3. Tap a ringtone to hear a preview and select it.

   – or –

   Tap **Add ringtone** to use an audio file as a ringtone.

Change the Notification Sound

Choose a sound for notifications, such as for new messages and event reminders.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and notifications** > **Ringtones and sounds** > **Default notification sound**.
3. Tap a sound to hear a preview and select it.

Set Notification Sounds for Samsung Applications

Choose notification alerts for new messages, calendar events, and email.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and notifications** > **Ringtones and sounds**, and tap to configure each option:
   - **Messages notifications**: Configure message notifications and alerts.
   - **Calendar notifications**: Configure event notifications.
   - **Email notifications**: Configure email account notifications.

System Sounds

Set various other system sound options.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and notifications** > **Ringtones and sounds**, and tap to enable each option:
   - **Touch sounds**: Play tones when you touch or tap the screen to make selections.
   - **Dialing keypad tone**: Play tone when the dialing keypad is tapped.
   - **Screen lock sounds**: Play a sound when you unlock the screen.
   - **Emergency tone**: Choose Alert, Vibrate or Silent for Emergency alerts.
   - **Keyboard sound**: Play a sound when the Samsung keyboard is tapped.

Vibrations

Set the amount of vibration for incoming calls, notifications, and haptic feedback.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and notifications** > **Vibrations**.
   - Tap **Vibration pattern** to choose a pattern.
   - Tap **ON/OFF** to enable.Vibrate while ringing.

Sound Quality and Effects

Choose from advanced sound options to customize your audio experience.

Sound Quality

Find the best sound setting for your preferences

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and notifications** > **Sound quality and effects**.
3. Tap **Adapt Sound** and follow the prompts to customize your sound settings.

Sound Effects

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sound and notifications** > **Sound quality and effects**.
3. Tap **ON/OFF** to enable each option:
   - **SoundAlive+**: Recreate the effects of rich surround sound.
   - **Tube Amp**: Simulate the soft timbre of a tube amplifier.

Do Not Disturb

This setting allows you to block all notifications and alerts. The options below determine what notifications can make sounds, and during what time periods you want to enter this mode.

To activate Do Not Disturb mode:

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **ON/OFF** to enable this option.

Allow Exceptions

This option lets you customize what notifications are allowed while your phone is in Do not disturb mode.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **Allow exceptions**, and tap **ON/OFF** to enable the exceptions you want to allow.

Schedule

This option allows you to turn Do not disturb mode on and off automatically at scheduled times.

Note: Scheduling is not available if Do not disturb mode has been turned on manually.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **Set schedule**, and set the **Days**, **Start time**, and **End time**.

Notifications on Lock Screen

Choose what notifications can display while the device is locked.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and notifications** > **Notifications on lock screen**, and choose an option.

App Notifications

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Sounds and notifications** > **App notifications**, and choose an app to enable or disable notifications.

Display Settings

Configure the appearance of your phone's display through Display Settings.

Adjust the Screen Brightness

Adjust the screen brightness to suit your surroundings or personal preference. You may also want to adjust screen brightness to conserve battery power.

1. From a Home screen, tap **Apps** > **Settings** > **Display**.
2. Drag the **Brightness** slider to adjust the screen brightness.

Note: You can also control Brightness from the Notification panel. Drag down the Status bar at the top of the screen to find the Brightness options.

Change the Font Style and Size

You can set the font style and size for all text that displays on the screen.

1. From a Home screen, tap **Apps** > **Settings** > **Display**.
2. Tap **Font** to choose a font style and font size.
   - Drag the slider to adjust the font size.
   - Tap a font style to select a font, or tap **Download fonts** to find new fonts from Galaxy Apps.
3. Tap **DONE** to set the font size and style.

Set the Screen Timeout Delay

Choose how long the display screen remains lit after you tap the screen or press any key.

1. From a Home screen, tap **Apps** > **Settings** > **Display**.
2. Tap **Screen timeout**, and then choose a time period.

Daydream (Screen Saver)

The Daydream setting controls what the screen displays when the device is docked (dock not included), or while charging. You can choose to display colors, or display photos stored on your device.

1. From a Home screen, tap **Apps** > **Settings** > **Display**.
2. Tap **Daydream**. Tap **ON/OFF** to turn Daydream on. Configure options:
   - **Colors**: Tap the selector to display a changing screen of colors.
   - **Google Photos**: Display pictures from your Google+ account. (Only available if you are signed in to your Google Account.) Tap **Settings** for options.
   - **Photo Frame**: Display pictures in a photo frame. Tap **Settings** for options.
   - **Photo Table**: Display pictures in a photo table. Tap **Settings** for options.
3. Tap **PREVIEW** to see a demonstration of Daydream.

Motions and Gestures

Control certain device actions by touching the screen with the palm of your hand.

1. From a Home screen, tap **Apps** > **Settings** > **Motions and gestures**.
2. Tap **ON/OFF** to enable the following:
   - **Smart alert**: Set the device to vibrate when you pick it up to notify you about missed calls and messages.

Applications Settings

Manage settings for applications on your phone.

Application Manager

You can download and install new applications on your device. Use Application manager settings to manage your downloaded and preloaded applications.

Warning: Because this device can be configured with system software not provided by or supported by Google or any other company, you operate this software at your own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. From a Home screen, tap **Apps** > **Settings** > **Applications** > **Application manager**.
2. Swipe across the screen to display DOWNLOADED, SD CARD, RUNNING, or ALL to display memory usage for that category of applications.

   The graph on the DOWNLOADED tab shows used and free device memory. The graph on the RUNNING tab shows used and free RAM.

Downloaded

Displays apps you have downloaded onto your device.

1. From a Home screen, tap **Apps** > **Settings** > **Applications** > **Application manager**.
2. Tap **DOWNLOADED** to view a list of all the downloaded applications on your device.
   - To switch the order of the DOWNLOADED list, tap **MORE** > **Sort by size** or **Sort by name**.
   - To reset all of your application preferences, tap **MORE** > **Reset app preferences**.
   - Tap an application to view and update information about the application, including memory usage, default settings, and permissions. The following options are displayed:
     - **FORCE STOP**: Stop an app that is misbehaving. Restart your device if stopping an app, process, or service causes your device to stop working correctly.
     - **UNINSTALL UPDATES**: Delete the application from the device or uninstall updates made to apps that cannot be deleted.
     - **DISABLE**: Disable apps that cannot be deleted.
     - **Show notifications**: Tap the checkbox to enable or disable notifications from the app. Notifications display in the Status bar.
     - **MOVE TO SD CARD**: Move the application to the SD card (if one is installed).
     - **CLEAR DATA**: Clear application data from memory.
     - **CLEAR CACHE**: Clear an application's temporary memory storage.
     - **CLEAR DEFAULTS**: Clear an application's customization.
     - **Permissions**: View information about the application's access to your device and data.

SD Card

Displays apps you have downloaded onto your memory card (not included).

1. From a Home screen, tap **Apps** > **Settings** > **Applications** > **Application manager**.
2. Tap **SD CARD** to view a list of all the downloaded applications on your SD card.
3. To switch the order of the SD CARD list, tap **MORE** > **Sort by size** or **Sort by name**.
4. To reset your application preferences, tap **MORE** > **Reset app preferences**.

Note: When you reset app preferences, app data is not lost.

5. Tap an application to view and update information about the application, including memory usage, default settings, and permissions.

Running Services

View and control services running on your device.

1. From a Home screen, tap **Apps** > **Settings** > **Applications** > **Application manager**.
2. Tap **RUNNING** to view a list of running services.

   All the applications that are currently running on the device display.
3. Tap **MORE** > **Show cached processes** to display all the cached processes that are running. Tap **MORE** > **Show services in use** to switch back.
4. Tap one of the applications to view application information.
   - **STOP**: Stops the application from running on the device. This is usually done prior to uninstalling the application. (Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.)
   - **REPORT**: Report failure and other application information.

Note: Options vary by application.

Default Applications

If you have multiple applications of the same type, such as email apps, you can select one app to be the default.

You can also use a simpler Home screen which provides an easier user experience for first-time smartphone users.

1. From a Home screen, tap **Apps** > **Settings** > **Applications** > **Default applications**.
2. Tap **Home** and select a Home screen mode:
   - **TouchWiz easy home**: Provides an easier user experience for the first-time smartphone users.
   - **TouchWiz home**: The Home screen that originally displays on your phone.
3. Tap **Messages** and select a default messaging app.
4. To clear defaults you have set up, tap **CLEAR**.

Application Settings

Shortcuts to the settings for various apps are available in one convenient location.

1. From a Home screen, tap **Apps** > **Settings** > **Applications**.
2. Tap one of the following to display the settings for the selected app:
   - Calendar
   - Camera
   - Contacts
   - Email
   - Internet
   - Messages
   - Phone
   - Weather

Wallpaper Settings

Change the look of the home and lock screens with wallpaper.

You can display a favorite picture or choose from preloaded wallpapers.

1. From a Home screen, tap **Apps** > **Settings** > **Wallpaper**.
2. Tap **Home screen**, **Lock screen**, or **Home and lock screens**.
3. Tap an image to preview it, and then tap **SET AS WALLPAPER**.
   - Tap **From Gallery** for additional wallpapers.

Location

Some apps, such as Google Maps, may require one or more location services be turned on for full functionality.

Locating Method

1. From a Home screen, tap **Apps** > **Settings** > **Location**.
2. Tap **ON/OFF** to turn Location services on.
3. Tap **Location method** to select how your location is determined:
   - **GPS, Wi-Fi, and mobile networks**: Uses GPS, Wi-Fi, and mobile networks to estimate your location.
   - **Wi-Fi and mobile networks**: Uses Wi-Fi and mobile networks to estimate your location.
   - **GPS only**: Uses GPS only to estimate your location.

Recent Location Requests

Apps that have requested your location are listed under Recent location requests.

1. From a Home screen, tap **Apps** > **Settings** > **Location**.
2. Tap **ON/OFF** to turn Location services on.
3. Tap an entry under **Recent location requests** to view the app's settings.

Location Services

Google uses Location Reporting to store and use your device's most recent location data. Google apps, such as Google Maps, can use this data to improve your search results based on places that you have visited.

1. From a Home screen, tap **Apps** > **Settings** > **Location**.
2. Tap **ON/OFF** to turn Location services on.
3. Tap **Google Location Reporting** and sign in to your Google Account for options.

Lock Screen and Security

Secure your device and protect your data with Lock Screen and Security settings.

Set a Screen Lock

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Screen lock type** to select a screen lock and level of security:
   - **Swipe**: Swipe the screen to unlock it. This option provides no security.
   - **Pattern**: A screen unlock pattern is a tap gesture you create and use to unlock your device. This option provides medium security.
   - **PIN**: Select a PIN to use for unlocking the screen. This option provides medium to high security.
   - **Password**: Create a password for unlocking the screen. This option provides high security.
   - **None**: Never use a Lock screen.
3. If choosing a secured lock screen option, select your notification settings:
   - **Show content**: Content which may include personal information will be shown on the lock screen.
   - **Hide content**: Only notifications will be shown on the lock screen.
   - **Do not show notifications**: No content or notifications will be shown on the lock screen.
4. Choose a screen lock option:
   - **Show information**: Show the dual clock, weather information, or Owner information on the lock screen.
   - **Unlock effect**: Set the visual effect used when unlocking the screen. (This option is available with Swipe only.)
   - **Secure lock settings**: Set your secure lock functions such as Lock automatically, Lock instantly with power key, and Smart lock. (This option does not appear with Swipe.)

Note: Options vary based on the screen lock type.

Device Security

Configure security for your phone.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Device security**.
3. Tap the **ON/OFF** switch to activate KNOX active protection on your phone.

Find My Mobile

Protect your device from loss or theft allowing your device to be locked, tracked, and for your data to be deleted remotely.

► To access your device remotely, visit findmymobile.samsung.com.

Note: You must sign up for a Samsung account and enable Google location service to use Find My Mobile.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Find My Mobile**.
3. Enter your Samsung account password, or if you are not logged in to your Samsung account, tap **Add account** and follow the prompts.
4. The following options are available:
   - **Remote controls**: Tap to activate or deactivate Remote controls, which allows you to access your device remotely.
   - **Google location service**: Tap to activate or deactivate Google location service. This service must be on in order to find your phone.
   - **SIM change alert**: Prevent unauthorized changes to your SIM card by being alerted whenever an app or service attempts to change data on your SIM card.

Unknown Sources

Enable installation of non-Google Play applications.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Unknown sources** to enable this option.

Warning: Enabling installation of third-party applications can cause your device and personal data to be more vulnerable to attacks by unknown sources.

Other Security Settings

Encrypt Your Data

Require a numeric PIN or password to decrypt your device each time you power it on.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings**. Configure the following options:
   - Tap **Encrypt device** and follow the prompts to encrypt all data on your phone.
   - Tap **Encrypt external SD card** and follow the prompts to encrypt all data on your microSD card (not included).

View Passwords

Display password characters briefly as you type them.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** > **Make passwords visible** to turn the feature on.

Security Update Service

Automatically receive security updates.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** for the following Security update service options:
   - **Security policy updates**: Automatically or manually check for security policy updates.
   - **Send security reports**: Send security reports to Samsung via Wi-Fi for threat analysis.

Device Administration

Manage your device administrators and application installation privileges.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** > **Device administrators** to customize.

Credential Storage

Manage your security certificates. If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Lock screen and security** > **Other security settings** for the following Credential storage options:
   - **Storage type**: Select a storage location for credential contents.
   - **View security certificates**: Display certificates in your device's ROM and other certificates you have installed.
   - **Install from device storage**: Install a new certificate from storage.
   - **Clear credentials**: Erase the credential contents from the device and reset the password.

Advanced Security Settings

Use these options to configure advanced security settings.

1. From a Home screen, tap **Apps** > **Settings**
2. Tap **Lock screen and security** > **Other security settings** for the following Advanced options:
   - **Trust agents**: View or disable trusted agents.
   - **Pin windows**: Pin an app on your device screen, preventing access to other features of you phone.
   - **Usage data access**: View the applications that can access your device's usage history.
   - **Notification access**: View the applications that can access notifications you receive on your phone.

Note: To view Trust agents, set up a screen lock (pin, password, or pattern). For more information, see Set a Screen Lock.

Easy Mode

Switch between the default screen layout and a simpler layout. The Easy Mode layout has larger text and icons, making for a more straightforward visual experience.

To enable Easy Mode:

1. From a Home screen, tap **Apps** > **Settings** > **Easy mode**.
2. Tap **Easy mode** to enable this feature. When Easy mode is enabled, you can scroll down the page and select which apps you want to appear on the Home screens.
3. Tap **ON/OFF** next to the apps you want to add or remove.
4. When finished, tap **DONE**.

To disable Easy Mode:

1. From a Home screen, swipe through the home screens and tap **Settings**.
2. Tap **Easy mode**, and then Standard mode to switch back.
3. Tap **DONE**.

Accessibility

Accessibility services are special features that make using the device easier for those with certain physical disabilities.

Note: You can download additional accessibility applications from the Google Play store.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accessibility** for options:

Vision

- **Voice Assistant**: Speak feedback aloud to help blind and low-vision users.
  - Voice Assistant can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.
- **Voice Assistant help**: Tap for help on using Galaxy TalkBack.
- **Dark screen**: Keep the screen turned off at all times for privacy.
- **Rapid key input**: Release your finger to enter selection instead of double tapping.
- **Speak passwords**: Read the characters aloud as you enter your passwords.
- **Voice Label**: Write voice recordings to NFC tags to provide information about nearby objects.
- **Font size**: Set the font size.
- **Magnification gestures**: Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Negative colors**: Reverse the display of colors from White text on a Black background to Black text on a White background.
- **Color correction**: Adjust the color of the screen if you are color blind or have difficulty reading the display because of the screen color. Tap **Correction mode** for options.
- **Accessibility shortcut**: Quickly enable accessibility features in two quick steps. Tap **ON/OFF** to turn the feature on.
- **Text-to-speech options**: Set your preferred TTS engine and options.

Hearing

- **Flash notification**: Set your camera light to blink whenever you receive a notification.
- **Turn off all sounds**: For privacy, turn off all notifications and audio.
- **Hearing aids**: Improve the sound quality for use with hearing aids.
- **Samsung subtitles (CC)**: Use Samsung subtitles with multimedia files when available Tap Samsung subtitles (CC) for options.
- **Google subtitles (CC)**: Use Google subtitles with multimedia files when available. Tap Google subtitles (CC) for options.
- **Left/right sound balance**: Use the slider to set the Left and Right balance when using a stereo device.
- **Mono audio**: Switch audio from stereo to mono for use with one earphone.

Dexterity and Interaction

- **Assistant menu**: Improve the device accessibility for users with reduced dexterity.
- **Press and hold delay**: Select a time interval for this gesture.
- **Interaction control**: Block areas of the screen from touch interaction. Disable Auto rotate screen and hard key functions. Only show application notifications in the Notification panel and the Status bar.

More Settings

- **Direct access**: Open your accessibility settings by pressing the Home Key three times in quick succession.
- **Notification reminder**: Beep at set intervals to remind you of any unread notifications.
- **Answering and ending calls**: Select shortcuts for answering and ending calls.
- **Single tap mode**: Tap to stop/snooze alarms and calendar events.
- **Manage accessibility**: Export your accessibility settings and share them with another device.

Services

- Additional accessibility apps may be downloaded from the Google Play store. Certain accessibility services you install may be configured here.

Accounts

Set up and manage accounts, including your Google Account, Samsung account, email, and social networking accounts.

Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

Add an Account

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accounts** > **Add account**.
3. Tap one of the account types.
4. Follow the prompts to enter your credentials and set up the account.

Synchronize Accounts

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accounts** > **[Account type]**.
3. Tap an account to view the sync settings for that account.
4. Tap individual data items to sync.
5. Tap **MORE** > **Sync all** or **Sync now** to synchronize the account.

Note: Sync options and the location of the sync command differ depending on the account type.

Account Settings

Each account has its own set of settings. In addition, you can configure common settings for all accounts of the same type.

Note: Account settings and available features vary between account types and service providers. Contact your service provider for more information on your account's settings.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accounts** > **[Account type]**.
   - Tap an account to configure that account's sync settings.
   - Tap other available options for the account.

Delete an Account

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Accounts** > **[Account type]**.
3. Tap the account and then tap **MORE** > **Remove account**.

Backup and Reset

Back up your data to your Samsung account or Google servers. You can also reset your device to its factory defaults.

Back Up Your Data Using to Google Servers

Enable backup of your information to Google servers.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Backup and reset** for options:
   - **Backup account**: Select a Google Account to be used as your backup account.
   - **Back up my data**: Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.
   - **Automatic restore**: Enable automatic restoration of settings from Google servers. When enabled, backed-up settings are restored when you reinstall an application.

Factory Data Reset

Return your device to its factory defaults.

Warning: This action permanently erases ALL data from the device, including Google or other account settings, system and application data and settings, downloaded applications, as well as your music, photos, videos, and other files.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Backup and reset** > **Factory data reset**.
3. Tap **RESET DEVICE** and follow the prompts to perform the reset.

Language and Input Settings

Configure your device's language and input settings.

Set Your Default Language

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input** > **Language**.
3. Select a language from the list.

Select Your Default Keyboard or Input Method

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input** > **Default keyboard**.
3. Select a keyboard.

Note: Additional keyboards can be downloaded from the Google Play store.

Samsung Keyboard Settings

Configure options for using the Samsung keyboard.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input** > **Samsung keyboard** for options:
   - **English(US)**: Set the keyboard type: Qwerty keyboard or 3x4 keyboard.
   - **Select input languages**: Choose which languages are available on the keyboard. To switch between languages, slide the space bar sideways.
   - **Predictive text**: Allow Predictive text to suggest words matching your text entries, and, optionally, complete common words automatically. Predictive text can learn your personal writing style from your contacts, messages, Gmail, and social networking sites—improving its accuracy of predicting your text entries.
   - Additional keyboard settings provide assistance with capitalization, punctuation, and much more.

Google Voice Typing Settings

Speak rather than type your text entries using Google Voice Typing.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input**.
3. Tap **Google voice typing** for options:
   - **Languages**: Select languages for Google voice typing.
   - **"Ok Google" detection**: Say "Ok Google" to start a voice search from the Google app.
   - **Hands-free**: Configure voice search and spoken notifications.
   - **Speech output**: Use speech output for all notifications or only when Hands-free mode is active.
   - **Offline speech recognition**: Download language data to use speech recognition when not connected to a network.
   - **Block offensive words**: Hide words many people find offensive in results of Google voice searches. Offensive words are replaced in results with a placeholder (####).
   - **Bluetooth headset**: Record audio through a Bluetooth headset (not included).

Voice Input

Use Google voice recognition to perform Google searches using spoken commands.

To perform a voice search, tap in the Google search bar or widget. Or say “Ok Google” to launch a Google search (if the hotword detection option is enabled).

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input** > **Voice input** for options.
3. Tap **Enhanced Google services** for full voice interaction or **Basic Google recognition** for simple voice recognition.
4. Tap **Settings** next to the selected option to configure its options.

Text-To-Speech Options

Configure your Text-To-Speech (TTS) options. TTS is used for various accessibility features, such as TalkBack. For more information, see Accessibility.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input** > **Text-to-speech options** for options:
   - Tap **Settings** next to the Samsung text-to speech engine for options.
   - **Speech rate**: Set the speed at which the text is spoken.
   - **Default language status**: Display the default language in use.

Mouse/Trackpad Settings

Configure settings for using an optional mouse or trackpad (not included).

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Language and input** > **Pointer speed**.
3. Drag the slider to the right to go faster or to the left to go slower.
4. Tap **OK** to save your setting.

Battery

View how battery power is used for device activities.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Battery** for options:
   - **BATTERY USAGE**: View battery usage since the battery was last fully charged.
     - Tap **REFRESH** to update the listing.
     - Tap an item to view details.
   - **Power saving mode**: Tap **ON/OFF** to turn the feature on, and customize options.
   - **Ultra power saving mode**: Tap **ON/OFF** to turn the feature on.
   - **MORE** > **Hide/Show battery percentage**: Display the battery charge percentage next to the battery icon on the Status bar.

Note: Other applications may be running that affect battery use.

Storage

View the device memory and usage, or mount, unmount, or format an optional memory card (not included).

Device Memory

View and manage the memory used by the device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Storage**.
   - The Device memory displays Total space and Available space.
   - The amounts of memory used by System memory Used space, Cached data, and Miscellaneous files are also displayed.

To increase available memory:

1. Tap **Cached data** > **DELETE** to clear all cached data for all apps.
2. Tap **Miscellaneous files**, select unnecessary files, and then tap **DELETE**.

Memory Card (SD Card)

Once an optional memory card (not included) has been installed in your device, the card memory displays as Total space and Available space.

Install a Memory Card

You can use an optional microSD or microSDHC card (not included) to add additional memory space to your device.

Note: The micro SD card slot is above the SIM card slot.

1. Remove the back cover. For more information, see Remove the Back Cover.
2. With the gold contacts facing down, carefully slide the memory card into the slot.
3. Replace the back cover. For more information, see Replace the Back Cover.

Mount a Memory Card

When you install an optional memory card, it is automatically mounted (connected to the device) and prepared for use. However, should you unmount the card without removing it from the device, you will need to mount it before it can be accessed.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Storage** > **Mount SD card**.

Remove a Memory Card

Warning: To prevent damage to information stored on the memory card, unmount the card before removing it from the device.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Storage** > **Unmount SD card**.
3. Remove the back cover. For more information, see Remove the Back Cover.
4. Carefully pull the card out.
5. Replace the back cover. For more information, see Replace the Back Cover.

Format a Memory Card

Warning: When formatting an SD card, you should backup your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Storage** > **Format SD card** and follow the prompts.

Date and Time Settings

By default, your device receives date and time information from the wireless network.

When you are outside network coverage, you may want to set date and time information manually using the date and time settings.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **Date and time**.
3. Tap **Automatic date and time** and **Automatic time zone** to use network-provided date, time, and time zone.

   – or –

   Turn off the automatic settings to manually set the date, time, and time zone.
4. Other options include time format and date format.

About Device

View information about your phone, including status, legal information, hardware and software versions.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **About device**, and then tap items for more details:
   - **Software update**: Check for and install available software updates.
   - **Status**: View the status of the battery, network, your phone number, and other information about your phone.
   - **Legal information**: View legal notices and other legal information.
   - **Device name**: View and change your device's name.
   - Additional device information includes the Model number, Android version, Build number, and more.

Software Updates

Use Software update to update your device's software.

1. From a Home screen, tap **Apps** > **Settings**.
2. Tap **About device** > **Software update**.
3. Follow the prompts to check for available software updates to download and install.